//3/29.0002 PALENT COOPERATION TREATY RULEIVED WAR 17 2005

From the INTERNATIONAL SEARCHING AUTHORITY	PCT			
TO: ROETZEL & ANDRESS Actn. Schlue, Daniel J. 222 South Main Street Akron OH 44308 UNITED STATES OF AMERICA	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION (C) (PCT Rule 44.1)			
	Date of mailing (day/month/year) 14/03/2005			
Applicant's or agent's file reference Cube-0002	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US2004/033949	International filing date (day/month/year) 14/10/2004			
Applicant CUBE MEDICAL A/S				
1.				
Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentiaan 2 Name 1, 2280 HV 19/20/40, Tx. 31 651 epo nl, Fax: (+31-7) 340-2016 Fax: (+31-7) 340-3016	Authorized officer Sandrine Polenzani			

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basis instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative instructions under that Treaty. In case of discoperory between these holdes and those requirements, the latter are applicable, For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, efter heiring received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and crawings) may be exempted during the international exprimationary examination procedure, there is usually on seed to the express of the claims under Article 19 except where, or, the applicant wants the later to be published for the provisional provisional production or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later, it should be noted, however, that the amendments will be considered as having been necewher on limit if they are necewher by the international Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Pulse 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consectively (Administrative instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The lettor must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the other must be in French.

Notes to Form PCT/ISA/220 (first sheet) (January 1994)

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
 - (ii) the claim is cancelled;
 - (iii) the claim is new;
 - (iv) the claim replaces one or more claims as filed;
 - (v) the claim is the result of the division of a claim as filed.

The following examples likestrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims?
- "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 16 and 19 canceled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivide its amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 1911).

The statement will be published with the international application and the amended claims.

it must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, pre

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of Sing any amendments under Article 19, a domand for international preliminary examination has already been submitted, the explorant must precisely, at the same time of Single the semendments with the international Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Single Si2.24), first extended).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be lumished to the designated/elected Offices, instead of, or in addition by the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Voluma II of the PCT Applicant's Guide.

PALENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
Cube-0002	International filing date (day/monthly	ear) (Earliest) Priority Date (day/month/year)
International application No.	International tiling date (day/monuty)	(Earliest) Friority Date (Salymont)
PCT/US2004/033949	14/10/2004	14/10/2003
Applicant		
CUBE MEDICAL A/S		
according to Article 18. A copy is being in This International Search Report consists	of a total of shee	
X It is also accompanied by	a copy of each prior art document cite	ed in this report.
Basis of the report With regard to the language, the language in which it was filed, un	international search was carried out o less otherwise indicated under this liter	n the basis of the international application in the n.
The internationa this Authority (Re	search was carried out on the basis oule 23.1(b)).	f a translation of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence o	isclosed in the international application, see Box No. I.
2. Certain claims were fo	und unsearchable (See Box II).	
3. Unity of invention is la	cking (see Box III).	
4. With regard to the title,	submitted by the applicant.	
		an.
	Ished by this Authority to read as follow	19.
MEDICAL DEVICE WITH E	ELECTROSPUN NANOFIBERS	
With regard to the abstract,		
X the text is approved as	submitted by the applicant.	
the text has been estab may, within one month	lished, according to Rule 38.2(b), by the from the date of mailing of this Internat	is Authority as it appears in Box No. IV. The applicant lonal search report, submit comments to this Authority.
6. With regard to the drawings,	a whilehold with the abetrary in Sloves i	Nh 12
	e published with the abstract is Figure I	
X as suggested b		We did no market a Course
	this Authority, because the applicant fa	
	this Authority, because this figure bette	er characterizes the invention.
b. none of the figures is to	be published with the abstract.	

INTERN/ 'ONAL SEARCH REPORT

Inten all Application No PCT/US2004/033949

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61L29/14 A61L29/16 A61L31/16 A61L31/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, PAJ, EMBASE, MEDLINE, COMPENDEX

Category *	ENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	WO 01/26702 A (THE UNIVERSITY OF AKRON) 19 April 2001 (2001-04-19) page 4, line 26 - line 30 page 5, line 16 - line 31	1-28
X Y	US 5 948 018 A (DEREUME ET AL) 7 September 1999 (1999-09-07) paragraphs '0014! - '0016!; claims 1-4	1,2, 9-15, 24-28 22,23
Y	US 2001/041184 A1 (FITZHUGH ANTHONY L ET AL) 15 November 2001 (2001-11-15) paragraphs '0064!, '0065!	22,23
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*Special categories of ched documents: *A* document defining the general state of the art which is not considered to be of porticular relevance *E* earter document but published on or after the International filing date	"I later document published after the international filting date or priority date and not in condict with the application but located the principle or theory underlying the leveration." You document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to
1. document which may threw doubte on priority. dath(s) or which is cled to establish the publication date of sambler datalion or other special reason (as specified). Of document referring to an oral disclosure, use, exhibition or other reason. 1º document published prior to the international filing date but later than the priority date claimed.	troche an investite step when the document is taken alone "b document of particular retirement, the colamed investion cannot be considered to involve an inventive step when the cannot be considered to involve an inventive step when the ments, such combination being polyvious to person added in the art. "do document member of the same patient transp.
Date of the actual completion of the International search	Date of malling of the international search report
4 March 2005	14/03/2005
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-240, Tx. 31 851 epo nl, Fax: (+31-70) 340-3016	Bochelen, D

Patent family members are listed in annex.

rther documents are listed in the continuation of box C.

INTERN ' 'ONAL SEARCH REPORT

nal Application No PCT/US2004/033949

		FC1/032004/033949
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DOSHI J ET AL: "Electrospinning Process and Applications of Electrospun Fibers" JOURNAL OF ELECTROSTATICS, ELSEVIER SCIENCE PUBLISHERS B. V. AMSTERDAM, NL, vol. 35, no. 2, August 1995 (1995–08), pages 151–160, XP004040895 ISSN: 0304–3886 the whole document	1-28
A	PULFER S K ET AL: "INCORPORATION OF NITRIC OXIDE-RELEASING CROSSLINKED POLYETHYLENEIMINE MICROSPHERES INTO VASCULAR GRAFTS" JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, MILEY, NEW YORK, NY, US, vol. 37, no. 2, November 1997 (1997-11), pages 182-189, XP000978327 ISSN: 0021-9304 the whole document	1-28
A	SMITH DANIEL J ET AL: "Nitric oxide-releasing polymers containing the (N(0)N0)—group" JOUBNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. MASHIMETON, US, vol. 39, no. 5, 1996, pages 1148-1156, XP002157493 ISSN: 0022-2623 the whole document	1-28

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

INTERN 'ONAL SEARCH REPORT

information on patent family members

Inten al Application No PCT/US2004/033949

Patent document cited in search report	1	Publication date		Patent family member(s)	Publication date
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			EP	1280567 A2	05-02-2003
			JP	2004500921 T	15-01-2004
			WO	0185227 A2	15-11-2001